

REPORT ON THE STATUS OF THE
EASTERN INDIGO SNAKE (*DRYMARCHON COUPERI*)
ON ST. VINCENT NATIONAL WILDLIFE REFUGE,
FRANKLIN COUNTY, FLORIDA

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Introduction

The Eastern Indigo Snake (*Drymarchon couperi*) was listed as a Threatened Species in 1978, under the Endangered Species Act of 1973. The state of Florida also lists this species as Threatened. Eastern Indigo Snake population declines have been attributed mainly to a loss of habitat, with additional losses due to commercial exploitation and incidental death due to the "gassing" of Gopher Tortoise (*Gopherus polyphemus*) burrows by rattlesnake hunters. Eastern Indigo Snakes formerly ranged in portions of Alabama, Georgia, Mississippi, and South Carolina and throughout Florida. Stable populations of this snake require large tracts of undisturbed land and with continuing development in the state of Florida available lands to harbor viable populations are ever decreasing.

In 1976, researchers at the U. S. Fish and Wildlife Service, Alabama Cooperative Research Unit, Auburn, Alabama initiated efforts to reestablish populations within this species' former range and continued as part of the Endangered Species Recovery Plan after it was listed 1978. St. Vincent Island was selected as a site for establishing a population based on its relative isolation, 4990 ha (12,360 acres) of available habitat (see Speake et al. 1978), resident Gopher Tortoise colony, and prescribed fire program. Although St. Vincent Island is within the historic range of the Eastern Indigo Snake, none had been previously recorded from the island.

Synopsis of Eastern Indigo Snake Ecology and Natural History

As the longest snake species on the North American continent, the Eastern Indigo Snake averages from 1.5–2.1 m (5–7 feet) in total length, with a record length of 2.63 m (8.6 feet) (Conant and Collins 1998). This large, smooth scaled, diurnally active snake is shiny bluish to purplish black in color, the throat, chin, and sides of head may be red, coral, or pinkish in color. This snake is a commensal in *Gopherus* burrows and uses the burrows as a retreat during periods of cold winter weather and extreme summer heat. Northern populations are specifically associated with *Gopherus* burrows on xeric sand ridges in the winter months (Moler 1992). In the warmer months, Eastern Indigo Snakes forage along the margins of wetlands. These snakes are opportunistic feeders and will feed on a variety of prey, including small mammals, frogs, fish, hatchling turtles, birds, and snakes (including Cottonmouths and Eastern Diamondback Rattlesnakes). Not being a constrictor, prey is usually swallowed alive. During peak activity periods, home range size has been estimated at 50–100 ha (125–250 acres). During the winter months, home ranges are restricted to less than 10 ha (25 acres) and snakes remain in close proximity to sheltering tortoise burrows, stump holes, etc. Mating takes place from November to April and from 5–10 eggs are laid during May or June. After an incubation of approximately 70–80 days, the eggs hatch. Hatchlings range from 457–609 mm (18–24 inches) in length.

Materials and Methods

To effectively sample for these large, diurnally active snakes, the use of drift fence/funnel trap arrays were employed (see Fitch 1987). This technique has proven to be quite effective for sampling the Texas Indigo Snake (*Drymarchon corais*) (Irwin 1993). From December 26–31, 2000, a series of 11 drift fence/funnel trap arrays were installed on St. Vincent National Wildlife Refuge in favorable habitats, such as the ecotone between cabbage palm-live oak forest and dune ridges with active *Gopherus* burrows, along the margins of fresh water marshes and ponds, and in mesic cabbage palm-live oak hammocks. Drift fences were fashioned using 61 cm (2 ft) high by 9.1 m (30 ft) lengths of commercially available silt fence. Single-ended funnel traps were fashioned from 4 mm x 4 mm (1/3 inch) mesh hardware cloth and placed at either end of the drift fences. During April 2001, targeted field work in search of Eastern Indigo Snakes on St. Vincent National Wildlife Refuge was conducted, and the drift fence arrays were activated and operated from 1–30 April 2001. Traps were checked a minimum of once every 24 hours, and in many instances twice a day and proved successful.

As a part of the winter herpetofaunal survey of the refuge, a total of 53 artificial shelters, consisting of corrugated tin or plywood were randomly scattered throughout the refuge in December 1999 and January 2000. These were also monitored throughout this survey period. General field collecting (i.e., turning of logs, palm fronds, other ground cover etc.), observation of surface active herpetofauna, and cruising refuge roads were also conducted (see Appendix 1).

All localities were plotted with a Garmin GPS III global positioning system and all coordinates were recorded in decimal degrees. Salvage specimens were deposited in the Department of Herpetology, Sternberg Museum of Natural History, Fort Hays State University, Hays, Kansas (MHP) (see Appendix 5).

History of Stocking Efforts

Speake (1990) summarized Eastern Indigo Snake restocking efforts throughout the historic range of this species in Alabama, Florida, Georgia, Mississippi, and South Carolina from 1976 to 1986. Tracts of land over 3000 ha in size were considered to be suitable for restocking, based on radio-telemetry work with adults by Speake et al. (1978). The stocked animals came from a variety of sources: hatchlings and juveniles from a captive breeding colony, wild caught adults, snakes confiscated by state or federal authorities, and snakes donated from various sources such as zoos. A total of forty Eastern Indigo Snakes were released on St. Vincent Island between 1980 and 1982 (Speake 1990) (Table 1).

Table 1. Number of Eastern Indigo Snakes (*Drymarchon couperi*) released on St. Vincent Island 1980–1982.

	1980	1981	1982	Total
Adults	2	1	0	3
Hatchlings	18	4	15	37
Total	20	5	15	40

On 20 August 1980, personnel from the U. S. Fish and Wildlife Service Alabama Cooperative Research Unit and the Florida Game and Freshwater Fish Commission Endangered Species Division released a total of twenty Eastern Indigo Snakes, consisting of two adults (one male and one female) and eighteen juveniles (sex undetermined) on St. Vincent National Wildlife Refuge. The animals were released at three sites within the *Gopherus* colony located in the sand dunes along Dune Road on the southern side of the island. One year later on 26 August 1981, personnel from the USFWS Alabama Cooperative Research Unit and the Florida Endangered Species Division released one adult female and four juveniles in the same tortoise colony. These snakes had

been taken as evidence in an illegal wildlife trade investigation. Fifteen hatchlings were released in the same tortoise colony on 1 September 1982; ten came from the Santa Fe Zoo, Gainesville, Florida, and five from the USFWS Alabama Cooperative Research Unit. Five sightings of Eastern Indigo Snakes were reported from various locations on the island in 1982, consisting of two large adults, two juveniles, and a third juvenile which was captured in a drift fence array.

Post-Release Monitoring, Survey Efforts, and Incidental Observations

Follow-up monitoring and survey efforts were undertaken between 1983 and 1990 (Speake 1990, see Table 2). These survey efforts were concentrated during fall, winter, and spring months when snakes were expected to be found in and around *Gopherus* burrows on the sand ridges. Monitoring methods for Eastern Indigo Snakes in *Gopherus* burrows included the use of a coaxial cable video camera, listening hoses, and a bionic ear device for sound amplification in burrows. Active searching included traversing sand ridges on foot or in ATV's in search of active snakes or field sign that might lead to a snake. Monitoring results from 1983 to September 1986 resulted in a total of 9.1 person days of search effort and a capture rate of 2.3 person days per capture. Between October 1986 and September 1989, 3.5 person days of search effort yielded a rate of 0.9 person days per capture (Speake 1990). No data were gathered on movements, growth rates, and population dynamics, as originally envisioned, due to a lack of recaptures and limited amount of time spent on the island for population monitoring.

The following survey summaries were gleaned from St. Vincent NWR annual narrative reports. In 1983, survey efforts yielded one capture—a gravid adult female released in 1980. This individual had grown 102 mm (4 inches) and had reached 2032 mm (80 inches) in total length and gained 455 g (1 pound) in weight. Survey efforts in August and September of 1984 produced no Eastern Indigo Snakes. However, in January of 1985, 28 tortoise burrows were surveyed using the burrow video camera and produced several herpetofaunal observations. One Eastern Indigo Snake was located; it weighed 2.95 kg (6.5 pounds) and was 1829 mm (72 inches) in total length. This individual was released in 1980 as a 457 mm (18 inch) TL hatchling. In addition to the single Eastern Indigo Snake, thirteen Gopher Tortoises, four Eastern Diamondback Rattlesnakes (*Crotalus adamanteus*), and one Pigmy Rattlesnake (*Sistrurus miliarius*) were observed. The February 1986 burrow survey located two adults, both weighing 3.4 kg (7.5 pounds) with total lengths of 2337 mm (92 inches) and 2108 mm (83 inches). Survey efforts in March 1987 produced only two shed skins of adult Eastern Indigo Snakes. A survey on February 3, 1988, produced the last verifiable observations of an adult Eastern Indigo Snake on St. Vincent Island. The snake was released as a hatchling in 1980, and was reported to have been 1829 mm (72 inches) in total length. No burrow survey work was performed in 1989, and when the last burrow video camera survey was conducted by Speake in March 1990, no Eastern Indigo Snakes were found. It was suggested at the time that, due to a warm winter, the snakes had already dispersed from winter burrow refugia.

A total of five observations of Eastern Indigo Snakes by refuge personnel were reported between, 1983–2000, the last occurring in 1994. However, none of these sightings were verified with either live animals or photographs. From 1985–2000, deer hunters reported nine sightings of Eastern Indigo Snakes in the months of November through January. Several of these reports were made by hunters, who were familiar with the species. One of the most recent sightings, in 1999, was reported to have been 9 feet (2743 mm) in length. None of the observations by hunters were verified with either live animals or photographs. In the absence of a live specimen or good photograph to verify these reports, we consider these observations suspect, given the possibility that some of these observations could be misidentified Eastern Racers (*Coluber constrictor*) or Coachwhips (*Masticophis flagellum*). These black, diurnally active snakes could easily be mistaken for the similarly-colored Eastern Indigo Snake. It is interesting to note that no observations of *Drymarchon couperi* have been made by professional biologists on the refuge staff.

Table 2. Post-release observations of Eastern Indigo Snakes (*Drymarchon couperi*) by D. Speake, USFWS refuge personnel, and hunter reports. Date refers to survey dates by D. Speake; last survey in 1990. Data taken from refuge annual narrative reports 1980–2000. Note: No data were available for 1993.

Year	Date	Speake Observations	USFWS Observations	Hunter Observations	Total
1983	April	1	0	0	1
1984	Aug/Sep	0	2	0	2
1985	January	1	1	1	3
1986	February	2	0	0	2
1987	March	0	0	0	0
1988	February	1	1	0	2
1989	—	0	0	2	2
1990	March	0	0	0	0
1991	—	—	0	1	1
1992	—	—	0	0	0
1993	—	—	—	—	—
1994	—	—	1	1	2
1995	—	—	0	0	0
1996	—	—	0	2	2
1997	—	—	0	0	0
1998	—	—	0	0	0
1999	—	—	0	1	1
2000	—	—	0	1	1
Total	—	5	5	9	19

SUMMARY OF FIELD WORK

Beginning in December 1998, a collaborative relationship was forged between personnel of St. Vincent National Wildlife Refuge and The Center for North American Herpetology to initiate winter herpetofaunal surveys on the refuge. After two preliminary visits to the island in December 1998, serious discussions and plans for future work ensued. General field collecting and observations were conducted for thirteen days over the period of 24 December 1999 through 15 January 2000; no Eastern Indigo Snakes were observed during this period. On 15 January 2000 several *Gopherus* burrows were surveyed using a burrow video camera; four adult Gopher Tortoises were found but no Eastern Indigo Snakes were observed. From 19 December 2000 through 15 January 2001, general field collecting and observations were conducted for a total of twelve days. On 31 December 2001, fifteen Gopher Tortoise burrows were surveyed using the burrow video camera; three adult Gopher Tortoises and two adult Eastern Diamondback Rattlesnakes were observed in burrows, but no Eastern Indigo Snakes were found.

During April 2001, targeted field work in search of Eastern Indigo Snakes on St. Vincent National Wildlife Refuge was conducted (see Appendices 1 and 2), and drift fence arrays were activated and operated from 2–29 April 2001. Traps were checked a minimum of once every 24 hours, and in many instances twice a day (see Appendix 2), and proved successful (see Appendix 3).

DISCUSSION

The Eastern Diamondback Rattlesnake is known to inhabit salt marsh habitats and has been found swimming in both brackish and marine waters. Even though the Eastern Indigo Snake (a

large snake similar in length to the Eastern Diamondback Rattlesnake) is an adept swimmer, it may avoid entering hyper-saline waters, hence the lack of natural dispersal to or from St. Vincent Island to the mainland.

Over the past thirty years, herpetofaunal surveys and incidental collections have clarified St. Vincent Island's herpetofaunal diversity (Blaney 1971, Christman 1984, Means and Lewis 1997, Means and Christman 1998, Peacock and Lewis 2000, Lewis and Collins 2000, Lewis and Irwin 2001, Lewis, Irwin, and Irwin 2001). Although fifty-two species have been reported from the refuge, at least seven species were not found during our surveys from 1998 to date (see Appendix 4) and need verification.

St. Vincent Island National Wildlife Refuge still has plenty of suitable habitat for this snake. We think that if any extant population of Eastern Indigo Snakes persisted on St. Vincent, our efforts to capture one should have produced at least one individual. This may indicate that the initial stocking effort has failed and future efforts to establish a viable population on St. Vincent Island should be considered once again.

RECOMMENDATIONS

Feral Hogs: Potential and Realized Impacts

Feral hogs (*Sus scrofa*) have been established on St. Vincent Island for decades. It is assumed that these animals were stocked for the sole purpose of providing opportunities for hunters. These non-native animals can and do have serious impacts on the native flora and fauna. During the survey period of 1999–2001, we observed evidence of serious impacts on ephemeral wetlands and forest floor understory plant communities where herds of hogs have rooted up areas, as large as 50 x 50 m or greater, during the course of foraging activity. In some instances this rooting activity is so extensive that it appears that the area has been mechanically plowed. Hogs are omnivores, and their diets include almost anything plant or animal that is palatable and easily subdued. All manner of small vertebrates are consumed: amphibians, turtles, reptiles, young crocodilians, birds, and mammals, even new born fawns of Whitetail Deer (*Odocoileus virginianus*) are eaten. Therefore, the impact implications of this species on ground-dwelling and ephemeral wetland herpetofauna are a serious consideration. During our survey work, we did not collect or observe several species of ground-dwelling snakes, such as the Eastern Hognose Snake (*Heterodon platirhinos*), Southern Hognose Snake (*Heterodon simus*), and Scarlet Kingsnake (*Lampropeltis triangulum*). Nor did we observe expected numbers of water snakes (*Nerodia*) or Cottonmouths (*Agkistrodon piscivorus*), all taxa that inhabit the edge of freshwater habitats where feral hogs were known to frequent. These latter three snakes species were probably a significant part of the diet of Eastern Indigo Snakes on St. Vincent National Wildlife Refuge, and these prey species may have been seriously depleted by feral hogs. In addition, the potential impacts of hog predation on both juvenile and adult Eastern Indigo Snakes are serious, and cannot be overstated. Further, feral hogs undoubtedly have a negative impact on the eggs and young of native populations of Gopher Tortoises (*Gopherus polyphemus*) and the eggs and young of sea turtles that nest on the beaches of St. Vincent National Wildlife Refuge. Thus, at least three sensitive species, one snake and two turtles, are being negatively impacted by feral hogs on St. Vincent National Wildlife Refuge, either directly as prey items and/or through habitat destruction.

On 30–31 May 2001, a meeting was attended by representatives from over fifteen state and federal agencies, non-profit conservation organizations, and the timber industry near Yulee, Florida, to discuss means of protecting the Eastern Indigo Snake. This meeting reflected the need for continued efforts at restoring Eastern Indigo Snake populations in the southeastern United States.

We recommend that St. Vincent National Wildlife Refuge be considered for future stocking efforts of Eastern Indigo Snake (*Drymarchon couperi*), but only after hog populations have been substantially reduced or eliminated altogether. Reduction or elimination of feral hogs on St. Vincent National Wildlife Refuge would make it an ideal site for the continued protection and existence of Gopher Tortoises and sea turtles, and a prime site for future introductions of Eastern Indigo Snakes, whose mainland habitat is dwindling and probably doomed.

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Appendix 1. During April 2001, field work was conducted in search of Eastern Indigo Snakes on St. Vincent National Wildlife Refuge. The following is a list of observations made from 0–00 April 2001, based on the field notes of Jay Kirk.

Field Catalogue & Notes of
JAY D. KIRK
Eastern Indigo Snake Project
St. Vincent National Wildlife Refuge
Franklin County, Florida
2 April to 29 April 2001
Joseph T. Collins, Principal Investigator

NWR = National Wildlife Refuge; WCS = Water Control Structure

2 April 2001

Observers: Jay Kirk, Joseph T. Collins, Suzanne L. Collins, Kelly Irwin, Lisa Irwin, Jeffery Jackson, Phyllis Jackson.

Florida: Franklin Co: Government Dock on mainland at Indian Pass

Ophisaurus ventralis - 1 under sheet metal

Coluber constrictor - 1 under sheet metal

Elaphe guttata - 1 under sheet metal

Florida: Franklin Co: Saint Vincent NWR, Board 34

Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Board 38

Amphiuma means - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 4 five-feet or larger

Florida: Franklin Co: Saint Vincent NWR, across Dune Road from Fence 4 Funnel Traps

Gopherus polyphemus - 1 adult at the entrance to its burrow

Florida: Franklin Co: Saint Vincent NWR, Board 14

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Board 11

Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, jct. of Dune Road & Road B

Hyla squirella - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, near cabin

Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, on Tahiti Beach Rd btwn Hunter's Camp and Mallard Slough

Alligator mississippiensis - 1 subadult 40 inches total length

Florida: Franklin Co: Saint Vincent NWR, pond north of Road B, between the Cabin and Lake Road

Alligator mississippiensis - ca. 4 feet, basking

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Gastrophryne carolinensis - 1 subadult

Hyla squirella - 30 subadults

Rana sphenoccephala - 1 subadult

Alligator mississippiensis - 7 five-feet plus

Eumeces laticeps - 1 adult male under sheet metal

Scincella lateralis - 2 adults

Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps

Thamnophis sirtalis - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Hyla cinerea - 1 adult

Alligator mississippiensis - 10 feet plus

Florida: Franklin Co: Saint Vincent NWR, N side of Oyster Pond btwn Fence 6 Funnel Traps & Road B

Bufo terrestris - 1 subadult

Anolis carolinensis - 1 adult

Scincella lateralis - 1 adult

Coluber constrictor - 2 adults

3 April 2001

Observers: Jay Kirk, Joseph T. Collins, Suzanne L. Collins, Kelly Irwin, Lisa Irwin, Jeffery Jackson, Phyllis Jackson.

Florida: Franklin Co: Saint Vincent NWR, Board 38

Amphiuma means 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 2 five-feet plus, 2 ca. four-feet

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps

Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Board 35

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Board 13

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps

Bufo terrestris - 2 subadults

Hyla cinerea - 4-5 chorusing

Hyla squirella - 1 adult

Rana sp. - species unknown
Anolis carolinensis - 2 adults
Eumeces laticeps - 7 adults
Scincella lateralis - 2 adults
Coluber constrictor - 1 adult
Sistrurus miliarius - 1 adult
Virginia striatula - 2 adults

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B for Oyster Pond

Bufo terrestris - subadult
Rana sp. - species unknown
Alligator mississippiensis - 1 five-feet plus
Coluber constrictor - 1 adult
Nerodia fasciata - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near beach on road from the cabin to the beach

Gastrophryne carolinensis - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, near cabin

Anolis carolinensis - 3 adults
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach near Mallard Slough

Farancia abacura - 1 adult 20 inches long found dead

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road between Mallard Slough and cabin

Bufo terrestris - 1 subadult
Alligator mississippiensis - 1 five-feet plus, 1 three-feet

Florida: Franklin Co: Saint Vincent NWR, WCS for Oyster Pond on Road B

Bufo terrestris - \pm 250 tadpoles
Hyla cinerea - subadult

Florida: Franklin Co: Saint Vincent NWR, between Oyster Pond and Rattlesnake Road

Apalone ferox - 1 adult ca. 360 mm curved shell length

4 April 2001

Observers: Jay Kirk, Joseph T. Collins, Suzanne L. Collins, Kelly Irwin, Lisa Irwin, Jeffery Jackson, Phyllis Jackson.

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road between Hunter's Camp and Mallard Slough

Alligator mississippiensis - 2 specimens less than two-feet long

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps

Anolis carolinensis - 1 adult under funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps

Hyla cinerea - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps
Hispid Cotton Rat - 2 adults in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Bufo terrestris - 1 subadult in funnel trap
Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS
Alligator mississippiensis - 3 five-feet plus

Florida: Franklin Co: Saint Vincent NWR, W of cabin
Bufo terrestris - 1 subadult
Gastrophryne carolinensis - 1 subadult
Hyla squirella - 1 subadult
Masticophis flagellum - 1 subadult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B near Indian Pass
Bufo terrestris - 1 adult
Anolis carolinensis - 1 adult
Eumeces laticeps - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps
Scincella lateralis - 2 adults near funnel trap
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Cnemidophorus sexlineatus - 1 adult near funnel trap

Florida: Franklin Co: Saint Vincent NWR, Board 13
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Thamnophis sauritus - 1 adult near funnel trap

Florida: Franklin Co: Saint Vincent NWR, near cabin
Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps
Bufo quercicus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road
Rana sphenoccephala - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS for Oyster Pond on Road B
Rana sphenoccephala - 3 subadults
Anolis carolinensis - 2 adults
Eumeces laticeps - 1 adult
Coluber constrictor - 1 adult
Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B between WCS and Cabin
Alligator mississippiensis - 1 128 cm long

Florida: Franklin Co: Saint Vincent NWR, W jct. Road B and Road 2 on Road B

Gastrophryne carolinensis- 1 adult

Sistrurus miliarius - 1 adult

Virginia striatula - 1 adult

Joseph T. Collins, Suzanne L. Collins, Jeffery Jackson, and Phyllis Jackson departed SVNWR, on ferry.

Florida: Franklin Co: Saint Vincent NWR, Road A between Roads 3 & 4

Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads A & B

Alligator mississippiensis - 1 five-feet plus

Florida: Franklin Co: Saint Vincent NWR, S of cabin

Hyla cinerea - ± 10 chorusing

Florida: Franklin Co: Saint Vincent NWR, wet areas bordered by Roads G & D and Roads 1 & 4

Acris gryllus - ± 5 chorusing

Bufo quercicus - ± 75 chorusing

Bufo terrestris - ± 10 chorusing

Gastrophryne carolinensis- ± 3 chorusing

Hyla cinerea - ± 25 chorusing

Hyla femoralis- ± 50 chorusing

Hyla squirella - ± 50 chorusing

Pseudacris ocularis - ± 10 chorusing

Rana grylio - ± 5 chorusing

Rana sphenoccephala - ± 5 chorusing

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 6 specimens (1 six-feet, 1 two-feet plus, 4 eye-shined)

5 April 2001

Observers: Jay Kirk, Joseph T. Collins, Suzanne L. Collins, Kelly Irwin, Lisa Irwin, Jeffery Jackson, Phyllis Jackson, Travis Hutcheson.

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps

Rana sphenoccephala -1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Board 24

Rana sphenoccephala - 3 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps

Eumeces laticeps - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps

Eumeces laticeps - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps

Cnemidophorus sexlineatus -3 adults (1 adult in funnel trap, 1 adult near funnel trap, and 1 subadult that went through the funnel trap)

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Masticophis flagellum - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps
Bufo quercicus - 1 adult under funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Rana sphenoccephala - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road
Alligator mississippiensis - 2 five-feet plus specimens

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 7 five-feet plus specimens

Florida: Franklin Co: Saint Vincent NWR, near cabin
Anolis carolinensis - 1 adult
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Lake Road between WCS and Road B
Bufo terrestris - 7, 1 adult, 6 subadults
Hyla squirella - 1 subadult
Rana sphenoccephala - 2 adults
Alligator mississippiensis - 2 specimens five-feet plus
Kinosternon subrubrum - 1 adult
Anolis carolinensis - 2 adults
Cnemidophorus sexlineatus - 4 adults
Ophisaurus ventralis - 2, 1 adult, 1 juv
Coluber constrictor - 2 adults
Crotalus adamanteus - 1 adult (photographed by SLC)
Virginia striatula - 2 adults

Florida: Franklin Co: Saint Vincent NWR, near jct. of Roads F & 6
Bufo terrestris - 1 subadult
Terrapene carolina - 1 adult shell only
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 2 adults
Virginia striatula - 4 adults, 1 gravid female

Florida: Franklin Co: Saint Vincent NWR, Dune Road*Hyla squirella* - 4 subadults*Terrapene carolina* - 5 adults (two were mating in ca. 6 inches of water)*Cnemidophorus sexlineatus* - 8 adults*Coluber constrictor* - 1 adult*Masticophis flagellum* - 1 subadult ca. 22 inches longFlorida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road*Alligator mississippiensis* - 1 specimen ca. four-feetFlorida: Franklin Co: Saint Vincent NWR, Road I*Alligator mississippiensis* - 1 specimen ca. 18 inches6 April 2001

Observers: Jay Kirk, Joseph T. Collins, Suzanne L. Collins, Kelly Irwin, Lisa Irwin, Jeffery Jackson, Phyllis Jackson, Travis Hutcheson, Henry R. Bireline, Jamie Pastika.

Florida: Franklin Co: Saint Vincent NWR, Road A between Roads B & Dune*Bufo terrestris* - 2 adults*Hyla squirella* - 3 subadults*Eumeces laticeps* - 1 adult*Ophisaurus ventralis* - 1 adult*Scincella lateralis* - 3 adults*Sistrurus miliarius* - 6 adults*Thamnophis sauritus* - 1 adult*Virginia striatula* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road*Alligator mississippiensis* - 1 five-feet specimenFlorida: Franklin Co: Saint Vincent NWR, east of Oyster Pond Restoration Area WCS on Dune Road*Gastrophryne carolinensis* - 1 adult*Hyla cinerea* - 1 subadult*Hyla squirella* - 2 subadults*Rana sphenoccephala* - 6 specimens: 2 adults, 4 juvs*Cnemidophorus sexlineatus* - 1 adult*Eumeces laticeps* - 2 adults*Scincella lateralis* - 11 adults*Virginia striatula* - 2 adultsFlorida: Franklin Co: Saint Vincent NWR, Tahiti Beach near Hunters Camp*Alligator mississippiensis* - ca. 2.5 feet total lengthFlorida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps*Cnemidophorus sexlineatus* - 2 adults in funnel trapFlorida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road between Beach and Bridge*Alligator mississippiensis* - 54.5 inches total lengthFlorida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps

Hispid Cotton Rat - adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Picalene Road

Anolis carolinensis - 1 adult
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 2 adults
Scincella lateralis - 2 adults
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, jct. of Road 4 & Road E

Acris gryllus - 3 adults; 2 were chorusing
Bufo quercicus - 14 adults
Hyla femoralis - 1 adult
Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, near Indian Pass

Gastrophryne carolinensis - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, north of Oyster Pond

Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 6 Funnel Traps

Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Bufo terrestris - 1 subadult in funnel trap
Hyla squirella - 1 subadult near Fence 10
 Carolina Wren - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 4 specimens; 2 five-feet plus total length; 2 four-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Beach Road

Ophisaurus ventralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads B & C

Bufo terrestris - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads B & F

Acris gryllus - ± 5 chorusing
Bufo quercicus - ± 20 chorusing
Hyla cinerea - ± 15 chorusing
Hyla squirella - ± 10 chorusing
Pseudacris ocularis - ± 5 chorusing
Rana grylio - 2 chorusing

Florida: Franklin Co: Saint Vincent NWR, jct. of Roads 4 & F

Bufo quercicus - 1 subadult
Gastrophryne carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road F between Roads 3 & 4*Bufo quercicus* - 1 adult; \pm 15 chorusing*Bufo terrestris* - 1 adult*Gastrophryne carolinensis* - 1 adult*Hyla femoralis* - 1 adult; \pm 10 chorusing*Hyla squirella* - \pm 10 chorusing*Pseudacris ocularis* - \pm 5 chorusingFlorida: Franklin Co: Saint Vincent NWR, Road F between Roads 2 & 3*Bufo quercicus* - 1 adult; \pm 15 chorusing*Bufo terrestris* - 1 adult*Hyla femoralis* - \pm 10 chorusingFlorida: Franklin Co: Saint Vincent NWR, Road E west of WCS between Lakes 3 & 4*Bufo terrestris* - 1 adult*Hyla cinerea* - \pm 15 chorusing*Rana sphenoccephala* - 1 subadult*Sistrurus miliarius* - 1 adult

7 April 2001

Observers: Jay Kirk, Kelly Irwin, Lisa Irwin, Travis Hutcheson, Henry R. Bireline, Jamie Pastika, Jimmie Sylvester, Kelli Muddle.

Florida: Franklin Co: Saint Vincent NWR, Shell Road west of Hunters Camp*Bufo terrestris* - 2 subadults*Hyla squirella* - 1 subadult*Eumeces laticeps* - 6 adults*Scincella lateralis* - 3 adults*Sistrurus miliarius* - 1 adult*Thamnophis sauritus* - 2 adultsFlorida: Franklin Co: Saint Vincent NWR, Board 22*Eumeces laticeps* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, near Cabin*Kinosternon subrubrum* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, Road 5 south of Shell Road*Terrapene carolina* - 1 adult maleFlorida: Franklin Co: Saint Vincent NWR, Road E west of WCS between Lakes 3 & 4*Bufo terrestris* - 2 subadults*Rana sphenoccephala* - 1 subadult*Thamnophis sauritus* - 1 adult*Virginia striatula* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4*Alligator mississippiensis* - 1 specimen: 7 feet plus total lengthFlorida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps*Bufo terrestris* - 1 subadult near Fence 10*Thamnophis sauritus* - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road B between Lake and Rattlesnake Roads

Bufo terrestris - 2 subadults
Gastrophryne carolinensis - 3 subadults
Hyla cinerea - 2 subadults
Hyla squirella - 1 subadult
Rana sphenoccephala - 1 adult
Eumeces laticeps - 4 adults
Scincella lateralis - 3 adults
Sistrurus miliarius - 1 adult
Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 6 Funnel Traps

Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Board 37

Scincella lateralis - 1 adult
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Shore of Oyster Pond near Fence 11 Funnel Traps

Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road A between Roads 3 & 4

Hyla squirella - 1 subadult
Cnemidophorus sexlineatus - 5 adults
Eumeces laticeps - 3 adults
Agkistrodon piscivorus - 1 adult on road
Coluber constrictor - 1 adult
Virginia striatula - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B between Roads 4 & 5

Agkistrodon piscivorus - 1 adult on road

Florida: Franklin Co: Saint Vincent NWR, Road B north of Oyster Pond, 1/10 mile east of Rattlesnake Road

Apalone ferox - 1 adult female

Florida: Franklin Co: Saint Vincent NWR, Road B between Fence 5 and Lake Road

Alligator mississippiensis - ca. 4 feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 9 Funnel Traps

Bufo quercicus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road F between Roads 4 & 5

Elaphe guttata - 1 adult; 147 cm

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 3 specimens: 2 ca. 4 feet total length, 1 ca. 5 feet total length

Florida: Franklin Co: Saint Vincent NWR, I Road

Alligator mississippiensis - 85.5 cm total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 8 Funnel Traps*Anolis carolinensis* - 2 adults*Cnemidophorus sexlineatus* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps*Cnemidophorus sexlineatus* - 1 adult near funnel trap

Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 3 Funnel Traps*Cnemidophorus sexlineatus* - 1 adult in funnel trapFlorida: Franklin Co: Saint Vincent NWR, Road E West of WCS between Lakes 3 & 4*Alligator mississippiensis* - 97 cm total lengthFlorida: Franklin Co: Saint Vincent NWR, Road F between Roads 4 & 5*Sistrurus miliarius* - 1 adultFlorida: Franklin Co: Saint Vincent NWR, at West Pass off of St. Vincent shoreline*Alligator mississippiensis* - ca. 4 feet total lengthFlorida: Franklin Co: Saint Vincent NWR, creek east of Cabin*Bufo terrestris* - 1 chorusing*Hyla cinerea* - ±5 chorusing*Rana sphenoccephala* - 2 chorusing

8 April 2001

Observers: Jay Kirk, Henry R. Bireline, Jimmie Sylvester, Kelli Muddle.

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps

Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS*Alligator mississippiensis* - ca 3.5 feet total lengthFlorida: Franklin Co: Saint Vincent NWR, Board 40*Gastrophryne carolinensis*- 1 adultFlorida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps*Hyla cinerea* - 1 adult near funnel trap*Rana sphenoccephala* - 1 adult in funnel trap

Crab - dead in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps*Coluber constrictor* - 1 adult in funnel trapFlorida: Franklin Co: Saint Vincent NWR, in bay off of Tahiti Beach*Alligator mississippiensis* - ca 3.5 feet total lengthFlorida: Franklin Co: Saint Vincent NWR, creek east of Cabin*Alligator mississippiensis* - ca 6 feet+ total length

Florida: Franklin Co: Saint Vincent NWR, jct. of Lake Road and B Road
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 3 specimens; all 5 feet+ total length

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 4 & 5
Rana grylio - 1 chorusing
Alligator mississippiensis - 6 feet+ total length

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads E & F
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 3 between Road A and Dune Road
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road A between Roads 3 & 4
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, jct. of Dune Road and Rattlesnake Road
Terrapene carolina - 1 adult male

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road
Alligator mississippiensis - 4 feet total length

Florida: Franklin Co: Saint Vincent NWR, Rattlesnake Road
Anolis carolinensis - 4 adults
Cnemidophorus sexlineatus - 2 adults
Eumeces laticeps - 2 adults
Scincella lateralis - 2 adults
Terrapene carolina - shell and bones
Coluber constrictor - 1 adult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Alligator mississippiensis - 2 specimens; 1 ca. five-feet total length, 1 seven feet+ total length

Florida: Franklin Co: Saint Vincent NWR, Lake Road between B road and WCS
Anolis carolinensis - 2 adults
Cnemidophorus sexlineatus - 4 adults
Eumeces laticeps 2 adults

Florida: Franklin Co: Saint Vincent NWR, Road B between Roads 4 & 5
Cnemidophorus sexlineatus - 5 adults
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B between Roads 3 & 4
Nerodia floridana - 1 adult on road

Florida: Franklin Co: Saint Vincent NWR, Road B between Roads 2 & 3
Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road
Alligator mississippiensis - ca. 4.5 feet total length (missing tip of tail)

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Hyla cinerea - \pm 10 chorusing
Rana sphenoccephala - 2 chorusing

9 April 2001

Observers: Jay Kirk, Anne Swinford, Eva Davis, Lori Eckstein.

Florida: Franklin Co: Saint Vincent NWR, near Fence 9 Funnel Traps
Bufo quercicus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - ca. 4.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 2 Funnel Traps
Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Alligator mississippiensis - ca. 7 feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps
Hyla cinerea - in funnel trap; partially eaten by ants

Florida: Franklin Co: Saint Vincent NWR, near Fence 11 Funnel Traps
Hyla cinerea - 1 adult
Anolis carolinensis - 1 adult
Thamnophis sirtalis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Hyla cinerea - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps
Eumeces laticeps - 2 adults in funnel trap
Coluber constrictor - 1 adult in funnel trap
 Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - ca. 5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Dune Road east of Beach Road
Hyla squirella - 1 subadult
Anolis carolinensis - 1 adult
Cnemidophorus sexlineatus - 6 adults
Eumeces laticeps - 2 adults
Terrapene carolina - 1 adult male
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Lake Road
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, west of WCS between Lakes 3 & 4 North of Lake Road

Bufo terrestris - 13 subadults

Rana sphenoccephala - 2 sub adults

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 2 between Roads F & G

Bufo quercicus - 2 adults

Anolis carolinensis - 2 adults

Cnemidophorus sexlineatus - 1 adult

Eumeces laticeps - 2 adults

Florida: Franklin Co: Saint Vincent NWR, west of Fence 5 Funnel Traps on Road B

Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Anolis carolinensis - 1 adult

Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, south of Road B across from Fence 5 Funnel Traps

Anolis carolinensis - 1 adult

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B between Dune and Rattlesnake Roads

Hyla cinerea - 2 subadults

Anolis carolinensis - 1 adult

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road A south of Oyster Pond

Bufo terrestris - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area Canal

Alligator mississippiensis - 3 specimens; all 4 feet plus total length

Florida: Franklin Co: Saint Vincent NWR, north of Rattlesnake Road, west of WCS

Eumeces laticeps - 1 adult

Scincella lateralis - 1 adult

Crotalus adamanteus - 1 specimen; ca. 36-40 inches total length

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road ? mile after bridge

Alligator mississippiensis - 1; ca. 20 inches

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road near jct. of Road G

Alligator mississippiensis - 1; ca. 12 inches

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road I, 1/10 mi east of Fence 7 Funnel Traps

Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road near Fence 1 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Gopherus polyphemus - 1 adult male—burrow coordinates N29.63347 W085.10710

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Thamnophis sauritus - 1 adult

10 April 2001

Observers: Jay Kirk, Anne Swinford, Eva Davis, Lori Eckstein.

Florida: Franklin Co: Saint Vincent NWR, Road I between Fence 7 & Fence 8 Funnel Traps
Kinosternon subrubrum - 1 adult

Florida: Franklin Co: Saint Vincent NWR, on field vehicle windshield
Hyla cinerea - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 adult, ca. 7 feet total length

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 2 & 3
Alligator mississippiensis - 1; 165 cm missing all but little toe on left front feet

Florida: Franklin Co: Saint Vincent NWR, near Fence 9 Funnel Traps
Hyla cinerea - 1 subadult

13 April 2001

Observers: Jay Kirk, Charles Becker, Britney Willadsen, Jessica Heisen.

Florida: Franklin Co: Saint Vincent NWR, Road I east of Fence 7 Funnel Traps
Alligator mississippiensis - ca. 7.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road near Hunters Camp
Alligator mississippiensis - ca. 4.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, near Generator Building
Bufo terrestris - 1 adult
Sistrurus miliarius - 2 adults

Florida: Franklin Co: Saint Vincent NWR, shop at Cabin
Hyla cinerea - subadult
Hyla squirella - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B east of Fence 5 Funnel Traps
Bufo terrestris - 1 subadult
Gastrophryne carolinensis - 1 subadult
Hyla cinerea - 2 subadults
Rana sphenoccephala - 10 subadults

Florida: Franklin Co: Saint Vincent NWR, south of Dune Road, east of Beach Road

Hyla cinerea - 1 subadult
Rana sphenoccephala - 8 subadults
Anolis carolinensis - 1 adult
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 1 adult
Scincella lateralis - 1 adult
Agkistrodon piscivorus - 1 adult
Virginia striatula - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 1; ca. 4 feet
Coluber constrictor - 1 adult ran it over

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 4 & 5

Coluber constrictor - 1 adult crossing road

Florida: Franklin Co: Saint Vincent NWR, jct. of Roads C & 3

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, jct. of Roads C & 4

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, south of Dune Road, west of Beach Road

Rana sphenoccephala - 7 subadults
Cnemidophorus sexlineatus - 2 adults
Terrapene carolina - 2 specimens; 1 adult, 1 shell
Agkistrodon piscivorus - 1 skeleton

Florida: Franklin Co: Saint Vincent NWR, near Cabin

Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Road B east of Fence 5 Funnel Traps

Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road

Alligator mississippiensis - in water

Florida: Franklin Co: Saint Vincent NWR, near Fence 11 Funnel Traps

Rana sphenoccephala - 1 subadult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road A

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 4 & 5

Bufo terrestris - 1 subadult
Alligator mississippiensis - 44.5 cm total length

Florida: Franklin Co: Saint Vincent NWR, jct. Lake Road and Road B

Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, in bay off of Tahiti Beach

Alligator mississippiensis -

Florida: Franklin Co: Saint Vincent NWR, Road I
Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Hyla squirella - 1 subadult near Fence 1
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Dune Road
Bufo terrestris - 1 subadult
Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps
Cnemidophorus sexlineatus - near Fence 4
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps
Eumeces laticeps - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads E & F
Alligator mississippiensis - 1 specimen; ca. three-feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps
Hyla squirella - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Bufo terrestris - 2 chorusing
Hyla cinerea - \pm 5 chorusing
Rana sphenoccephala - 2 chorusing

14 April 2001

Observers: Jay Kirk, Charles Becker, Britney Willadsen, Jessica Heisen, River Pullins, Katie Cahill, Sarah Tillman.

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Crotalus adamanteus - 1 specimen ca. 24-30 inches in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 3 Funnel Traps
 Land Crab - dead in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Dune Road between Fences 3 & Fence 4 Funnel Traps
Alligator mississippiensis - 1 specimen; ca. 24 inches crossing road

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps
 Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS
Alligator mississippiensis - 1 specimen; ca. five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, pool south of Fence 11 Funnel Traps
Rana sphenoccephala - 1 subadult
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, east of Fence 6 Funnel Traps on Rattlesnake Road
Alligator mississippiensis - 42.5 inches total length

Florida: Franklin Co: Saint Vincent NWR, Road B between Cabin and Lake Roads
Agkistrodon piscivorus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B North of Oyster Pond
Bufo terrestris - 1 subadult
Deirochelys reticularia - shell only
Coluber constrictor - 1 adult crossing the road

Florida: Franklin Co: Saint Vincent NWR, Road B west of jct. Dune Road and Road B
Bufo terrestris - 1 subadult
Hyla cinerea - 7 subadults
Hyla squirella - 1 subadult
Cnemidophorus sexlineatus - 2 adults
Scincella lateralis - 1 adult
Agkistrodon piscivorus - 1 adult
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road east of Fence 1 Funnel Traps
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - ca. 5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Road A south of Oyster Pond
Bufo terrestris - 1 subadult
Hyla cinerea - 3 subadults
Anolis carolinensis - 1 adult
Cnemidophorus sexlineatus - 2 adults
Eumeces laticeps - 3 adults
Scincella lateralis - 1 adult
Apalone ferox - 1 adult
Coluber constrictor - 2 adults
Elaphe spiloides - 1 adult
Sistrurus miliarius - 1 adult
Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Cabin
Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B west of Cabin
Apalone ferox - 1 adult female

Florida: Franklin Co: Saint Vincent NWR, near shed at Indian Pass
Eumeces laticeps - 2 adults
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road
Alligator mississippiensis - 2

Florida: Franklin Co: Saint Vincent NWR, Fence 2 Funnel Traps
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps
Eumeces laticeps - 1 adult in funnel trap
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Eumeces laticeps - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road B between Fence 5 Funnel Traps and Cabin
Hyla cinerea - 1 subadult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B west of Road 4
Bufo terrestris - 1 adult
Hyla cinerea - \pm 50 chorusing

Florida: Franklin Co: Saint Vincent NWR, Road 3 between Roads E & F
Bufo quercicus - \pm 15 chorusing
Hyla cinerea - \pm 15 chorusing
Hyla femoralis - 1 adult, \pm 40 chorusing
Hyla squirella - \pm 20 chorusing
Pseudacris ocularis - \pm 10 chorusing

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 9 Funnel Traps
Bufo terrestris - 1 chorusing
Gastrophryne carolinensis - 1 chorusing

15 April 2001

Observers: Jay Kirk, Charles Becker, Britney Willadsen, Jessica Heisen, River Pullins, Katie Cahill, Sarah Tillman.

Florida: Franklin Co: Saint Vincent NWR, near Fence 4 Funnel Traps
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, north of bridge at Cabin
Scincella lateralis - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Dune Road east of Fence 1 Funnel Traps
Hyla cinerea - 7 subadults
Hyla femoralis - 1 subadult
Cnemidophorus sexlineatus - 8 adults
Terrapene carolina - 1 adult

Florida: Franklin Co: Saint Vincent NWR, north of Oyster Pond Restoration Area WCS

Cnemidophorus sexlineatus - 4 adults

Eumeces laticeps - 1 adult

Scincella lateralis - 1 adult

Coluber constrictor - 2 adults

Thamnophis sirtalis - 1 adult

18 April 2001

Observer: Jay Kirk.

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 6 specimens; all five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road E 7 mile West of WCS between Lakes 3 & 4

Alligator mississippiensis - 1 specimen; six-feet plus total length, crossing road

Florida: Franklin Co: Saint Vincent NWR, near Fence 7 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 2 Funnel Traps

Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road

Alligator mississippiensis - 1 specimen; ca. five-feet total length

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 4 specimens; all ca. five-feet+ total length

Florida: Franklin Co: Saint Vincent NWR, near Cabin

Rana sphenoccephala - 2 chorusing

19 April 2001

Observers: Jay Kirk, Cameron Jones.

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Rana sphenoccephala - 1 chorusing

Florida: Franklin Co: Saint Vincent NWR, near Fence 9 Funnel Traps

Bufo quercicus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Lake 4

Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Lake 3

Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 8 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road
Alligator mississippiensis - 1 specimen; ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 3 Funnel Traps
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS
Alligator mississippiensis - 1 specimen; seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area Canal near beach
Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Rattlesnake Road WCS
Alligator mississippiensis - 1 specimen; four-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road A between Road B and Dune Road
Hyla cinerea - 2 subadult
Anolis carolinensis - 2 adults
Eumeces laticeps - 1 subadult
Scincella lateralis - 1 adult
Terrapene carolina - 1 adult male
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Anolis carolinensis - 2 adults copulating
Alligator mississippiensis - 1 specimen; seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach
Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, WCS on Road I
Alligator mississippiensis - 1 specimen; three-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - 1 specimen; seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap
Masticophis flagellum - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Rattlesnake Road just west of jct. with Road B
Coluber constrictor - 1 adult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps
Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Rana sphenoccephala - 1 chorusing

20 April 2001

Observer: Jay Kirk, Cameron Jones, Sheree Green.

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road
Kinosternon subrubrum - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 6 Funnel Traps
Anolis carolinensis - 1 adult
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
 Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Gastrophryne carolinensis - 1 subadult
Cnemidophorus sexlineatus - 2 adults
Eumeces laticeps - 1 adult male

Florida: Franklin Co: Saint Vincent NWR, Dune Road between Road 4 and Rattlesnake Road
Hyla squirella - 1 subadult
Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 4 & 5
Opheodrys aestivus - 1 adult on road

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - 1 specimen; seven-feet plus total length, basking

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps
Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, across Dune Road from Fence 1 Funnel Traps
Hyla squirella - 6 specimens; 4 adult, 2 subadult
Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps
Alligator mississippiensis - 1 specimen ca. 2.5 feet total length; caught in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Eumeces laticeps - 2 adult males in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 5 Funnel Traps
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road 4 between Roads G & F
Alligator mississippiensis - 1 specimen; ca. three-feet total length, small pool on east side of road

21 April 2001

Observer: Jay Kirk, Cameron Jones, Sheree Green, Sean Amidon, Beth Ronco, Jamie Kirk, Jon Bowden, Wendy Bowden.

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; ca. 3.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps
Coluber constrictor - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps
Rana sphenocephala - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road
Alligator mississippiensis - 1 specimen; ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, Road I
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps
Rana sphenocephala - 1 adult in funnel trap
Cnemidophorus sexlineatus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road
Alligator mississippiensis - 1 specimen; four-feet plus total length
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps
Hyla cinerea - 1 subadult
Rana sphenocephala - 2 subadults
Cnemidophorus sexlineatus - 1 subadult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 3 Funnel Traps
Anolis carolinensis - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps
Bufo terrestris - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 4 Funnel Traps
Cnemidophorus sexlineatus - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area Canal
Alligator mississippiensis - 2 specimens; 1 ca. six-feet total length, 1 ca. 6.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 11 Funnel Traps
Hyla cinerea - 1 subadult
Cnemidophorus sexlineatus - 1 adult
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Alligator mississippiensis - 1 specimen; ten-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Rana sphenoccephala - 1 subadult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 5 Funnel Traps
Hyla cinerea - 1 subadult
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - 1 specimen; seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road 6 north of Road E
Rana sphenoccephala - 1 subadult
Cnemidophorus sexlineatus - 2 adults
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Alligator mississippiensis - 1 specimen; five-feet plus total length
Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, west of Cabin
Hyla cinerea - 2 subadults
Rana sphenoccephala - 7 subadults
Alligator mississippiensis - 1 specimen; ca. three-feet total length
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 2 adults
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road near Fence 1 Funnel Traps
Gastrophryne carolinensis - 1 subadult
Hyla squirella - 10 subadults
Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road across from Fence 2 Funnel Traps
Hyla squirella - 6 subadults
Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Beach Road
Bufo terrestris - 6 toadlets

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 3 & 4
Bufo terrestris - 1 adult

22 April 2001

Observers: Jay Kirk, Sheree Green, Sean Amidon, Beth Ronco, Jamie Kirk, Jon Bowden, Wendy Bowden.

Florida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps

Hispid Cotton Rat - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road I

Alligator mississippiensis - 1 specimen; ca. seven-feet total length

Terrapene carolina - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps

Cnemidophorus sexlineatus - 1 young adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach

Alligator mississippiensis - 1 specimen, ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Alligator mississippiensis - 1 specimen, ca. four-feet total length

Florida: Franklin Co: Saint Vincent NWR, Dune Road between Fences 3 & 4

Cnemidophorus sexlineatus - 6 adults

Masticophis flagellum - 1 adult went down *Gopherus polyphemus* burrow

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area

Alligator mississippiensis - 2 specimens; 1 ca. four-feet total length, 1 ca. six-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 11 Funnel Traps

Hyla cinerea - 1 subadult

Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond

Alligator mississippiensis - 2 specimens; 1 ca. three-feet total length, 1 ca. five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Cabin

Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B between Cabin and jct. with Lake Road
Alligator mississippiensis - 1 specimen; ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, Lake Road between jct. with Road B and WCS
Pseudemys nelsoni - 1 adult female laying eggs on road (nest dug up following day by *Procyon lotor*)

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; ca. four-feet total length

Florida: Franklin Co: Saint Vincent NWR, Lake Road west of WCS
Kinosternon subrubrum - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Lake Road
Alligator mississippiensis - 1 specimen; six-feet plus total length
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 3 & 4
Terrapene carolina - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Indian Pass
Eumeces laticeps - 2 adults, 1 male, 1 female

Florida: Franklin Co: Saint Vincent NWR, Road B between Roads 1 & 2
Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B, 1/10 mi west of Lake Road
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road A between Road B and Dune Road
Bufo terrestris - 1 adult male, missing half of front left leg
Hyla cinerea - 1 subadult
Hyla squirella - 4 subadult
Kinosternon subrubrum - 1 adult
Anolis carolinensis - 5 adults
Cnemidophorus sexlineatus - 2 adults
Eumeces laticeps - 5, 3 subadult, 2 adult
Scincella lateralis - 1 adult
Sistrurus miliarius - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin
Alligator mississippiensis - 1 specimen; ca. seven-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 1 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 4 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 6 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond
Alligator mississippiensis - 1 specimen; ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, pond north of Road B between Cabin and Lake Road
Alligator mississippiensis - 1 specimen; ca. three-feet total length

Florida: Franklin Co: Saint Vincent NWR, Board 38
Amphiuma means - 1 specimen; ca. 12 inches total length

Florida: Franklin Co: Saint Vincent NWR, on beach at West Pass
Terrapene carolina - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads B and 2
Acris gryllus - 3 chorusing
Bufo terrestris - 1 chorusing
Hyla cinerea - \pm 50 chorusing
Rana grylio - 2 chorusing
Rana sphenoccephala - 2 chorusing

23 April 2001

Observers: Jay Kirk, Jamie Kirk, Jon Bowden, Wendy Bowden.

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps
Cnemidophorus sexlineatus - 3 adults in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Road I near Fence 7
Terrapene carolina - 1 adult male

Florida: Franklin Co: Saint Vincent NWR, Fence 2 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps
Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road at jct. of Rattlesnake Road
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps
Thamnophis sauritus - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps
Rana sphenoccephala - 1 subadult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, south of Cabin Generator, east of Beach Road
Cnemidophorus sexlineatus - 1 adult
Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, east of Cabin
Anolis carolinensis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B west of Cabin

Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Rana sphenoccephala - 2 adults dead in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps

Anolis carolinensis - 2 adults

Florida: Franklin Co: Saint Vincent NWR, Lake Road west of WCS

Alligator mississippiensis - 2 specimens; juv 27 inches total length, 1 ca. six-feet total length

26 April 2001

Observers: Jay Kirk, Jamie Kirk, Jon Bowden, Wendy Bowden.

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 1 specimen; ca. five-feet total length

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 3 specimens; ca. 22-24 inches total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps

Masticophis flagellum - 1 adult 71.5 inches total length

Florida: Franklin Co: Saint Vincent NWR, Board 38

Amphiuma means - 1 specimen; ca. 12 inches total length

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 6 specimens; 3 six-feet plus total length; 2 five-feet plus total length; 1 juv 12-16 inches total length

Florida: Franklin Co: Saint Vincent NWR, Road E west of WCS

Alligator mississippiensis - 2 specimens; 1 ca. six-feet total length, 1 ca. eight-feet total length

Florida: Franklin Co: Saint Vincent NWR, Road E between roads 3 & 4

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road F between Roads 2 & 3

Cnemidophorus sexlineatus - 3 adults

Florida: Franklin Co: Saint Vincent NWR, Road F between Roads 4 & 5

Cnemidophorus sexlineatus - 4 adults

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Anolis carolinensis - 3 adults

Florida: Franklin Co: Saint Vincent NWR, Road B west of jct. with Lake Road

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road 5 between Roads A & B

Bufo terrestris - \pm 30 toadlets

Hyla cinerea - 2 subadults

Anolis carolinensis - 1 adult

Eumeces laticeps - 2 specimens; 1 subadult, 1 adult female

Scincella lateralis - 1 adult

Florida: Franklin Co: Saint Vincent NWR, near Fence 1 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B west of Fence 5 Funnel Traps

Emydid Turtle - 1 adult female (looking for a place to lay eggs)

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. seven-feet total length

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Alligator mississippiensis - 1 specimen; ca. six-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps

Cnemidophorus sexlineatus - 2 adults in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 8 Funnel Traps

Eumeces laticeps - 1 adult female in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. four-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 2 specimens; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 2 & 3

Bufo terrestris - 1 adult

Hyla cinerea - \pm 25 chorusing

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Hyla cinerea - \pm 10 chorusing

Rana sphenoccephala - 1 adult chorusing

27 April 2001

Observers: Jay Kirk, Jamie Kirk, Jon Bowden, Wendy Bowden, Nicole Haaf, Shannon Lenerose, Abby Smith, Jamie Pastika, Joe Darcangelo.

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 1 specimen; five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road I

Alligator mississippiensis - 2 specimens; ca. 2.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 8 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 2 specimens; 1 ca. 3.5 feet total length, 1 ca. 2.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 2 specimens; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 2 Funnel Traps

Cnemidophorus sexlineatus - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Alligator mississippiensis - 1 specimen; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road B at eastern jct. with Road A

Alligator mississippiensis - 1 specimen; ca. 3.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Dune Road from Fence 4 to Road A

Gastrophryne carolinensis - 2 subadults

Hyla squirella - 4 subadults

Rana sphenoccephala - 1 adult

Anolis carolinensis - 1 adult

Cnemidophorus sexlineatus - 13 adults

Eumeces laticeps - 2; 1 adult, 1 subadult

Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Dune Road

Apalone ferox - 1 adult female, looking for a place to lay eggs

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Alligator mississippiensis - 2 specimens; 1 ca. five-feet total length, 1 ca. six-feet total length

Anolis carolinensis - 3 adults

Cnemidophorus sexlineatus - 1 adult

Eumeces laticeps - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Beach Road

Kinosternon subrubrum - 1 adult

Florida: Franklin Co: Saint Vincent NWR, behind Cabin

Rana sphenoccephala - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 1 specimen; ca. two-feet total length

Florida: Franklin Co: Saint Vincent NWR, near Fence 3 Funnel Traps

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. seven-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond
Alligator mississippiensis - 1 specimen; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, WCS on Road B
Pseudemys nelsoni - 1 adult basking on log

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps
Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps
Hyla squirella - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Road E west of WCS between Lakes 3 & 4
Alligator mississippiensis - 2 specimens; ca. six-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps
Eumeces laticeps - 2 adult males in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; ca. five-feet total length

Florida: Franklin Co: Saint Vincent NWR, Lake Road from Road B to 0.10 mi W of WCS
Hyla squirella - 2 subadult
Rana sphenoccephala - 6 subadult
Scincella lateralis - 1 adult
Agkistrodon piscivorus - 1 adult
Coluber constrictor - 1 adult
Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, beach at West Pass
Pseudemys floridana - 1 adult washed up dead on beach

28 April 2001

Observers: Jay Kirk, Jamie Kirk, Jon Bowden, Wendy Bowden, Nicole Haaf, Shannon Lenerose, Abby Smith, Jamie Pastika, Joe Darcangelo.

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4
Alligator mississippiensis - 1 specimen; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, north of WCS on Road B
Gastrophryne carolinensis - 1 subadult
Hyla squirella - 10 subadults
Sistrurus miliarius - 1 adult
Thamnophis sauritus - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Rattlesnake Road between Road B and WCS

Hyla squirella - 1 subadult

Alligator mississippiensis - 3 specimens; 2 ca. four-feet total length, 1 ca. five-feet plus total length

Eumeces laticeps - 2; 1 adult, 1 subadult

Coluber constrictor - 2 adults

Thamnophis sauritus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. five-feet total length

Florida: Franklin Co: Saint Vincent NWR, Road B between eastern jct. of Road A and Lake Road

Eumeces laticeps - 1 adult male

Florida: Franklin Co: Saint Vincent NWR, near Cabin

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road B west of Cabin

Bufo terrestris - 1 subadult

Hyla cinerea - 1 subadult

Hyla squirella - 1 subadult

Alligator mississippiensis - 2 specimens; 1 ca. 2 feet total length, 1 ca. 2.5 feet total length

Anolis carolinensis - 2 adults

Cnemidophorus sexlineatus - 8 adults

Eumeces laticeps - 1 adult

Scincella lateralis - 3 adults

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. five-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Road A between Road 1 and Indian Pass

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Road E east of WCS near Fence 5 Funnel Traps

Pseudemys nelsoni - 1 adult female on road

Eumeces laticeps - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Beach Road

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, creek east of Cabin

Alligator mississippiensis - 1 specimen; ca. six-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Cnemidophorus sexlineatus - 1 adult

Florida: Franklin Co: Saint Vincent NWR, W end of Road I

Cnemidophorus sexlineatus - 2 adults

Anolis carolinensis - 3 adults

Florida: Franklin Co: Saint Vincent NWR, Fence 7 Funnel Traps

Cnemidophorus sexlineatus - 1 subadult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 1 specimen; ca. seven-feet plus total length

Florida: Franklin Co: Saint Vincent NWR, Fence 2 Funnel Traps

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 3 Funnel Traps

Anolis carolinensis - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 11 Funnel Traps

Eumeces laticeps - 1 adult male in funnel trap

Florida: Franklin Co: Saint Vincent NWR, WCS on Rattlesnake Road

Alligator mississippiensis - 1 specimen; ca. five-feet total length

Florida: Franklin Co: Saint Vincent NWR, Fence 5 Funnel Traps

Sistrurus miliarius - 1 subadult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, Fence 9 Funnel Traps

Eumeces laticeps - 1 adult female in funnel trap

Coluber constrictor - 1 adult in funnel trap

Florida: Franklin Co: Saint Vincent NWR, beach on S side of St. Vincent Island between Roads 2 & 3

Pseudemys nelsoni - 1 adult dead on beach near tree line

29 April 2001

Observers: Jay Kirk, Jamie Kirk, Jon Bowden, Wendy Bowden, Nicole Haaf, Shannon Lenerose, Abby Smith.

Florida: Franklin Co: Saint Vincent NWR, Oyster Pond Restoration Area WCS

Alligator mississippiensis - 1 specimen; ca. 3.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, Board 39

Hyla cinerea - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Board 38

Hyla cinerea - 1 subadult

Florida: Franklin Co: Saint Vincent NWR, Fence 10 Funnel Traps

Rana sphenoccephala - 2 adults in funnel trap

Florida: Franklin Co: Saint Vincent NWR, near Fence 10 Funnel Traps

Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, Tahiti Beach Road

Alligator mississippiensis - 1 specimen; ca. 2.5 feet total length

Florida: Franklin Co: Saint Vincent NWR, WCS between Lakes 3 & 4

Alligator mississippiensis - 1 specimen; ca. nine-feet+ total length

Florida: Franklin Co: Saint Vincent NWR, Lake Road west of WCS

Alligator mississippiensis - 2 specimens; 1 ca. nine-feet+ total length, 1 ca. six-feet total length

Florida: Franklin Co: Saint Vincent NWR, Road E between Roads 2 & 3
Coluber constrictor - 1 adult

Florida: Franklin Co: Saint Vincent NWR, jct. of Road 3 & Road B
Eumeces laticeps - 1 adult male

Appendix 2. From 2–29 April 2001, numerous volunteer observers assisted with field work and helped monitor the active drift fence arrays which were operated in search of Eastern Indigo Snakes (*Drymarchon couperi*) on St. Vincent National Wildlife Refuge. Traps were checked a minimum of once every 24 hours, and in many instances twice a day. Field work was measured in person-hours, drift fence arrays in trap-hours.

Person-hours on St. Vincent National Wildlife Refuge

4/2/01	7 people x 8 hours	= 56 hours
4/3/01	7 people x 8 hours	= 56 hours
4/4/01	7 people x 8 hours	= 56 hours
4/5/01	8 people x 8 hours	= 64 hours
4/6/01	10 people x 8 hours	= 80 hours
4/7/01	8 people x 8 hours	= 64 hours
4/8/01	4 people x 8 hours	= 32 hours
4/9/01	4 people x 8 hours	= 32 hours
4/10/01	4 people x 5 hours	= 20 hours
4/13/01	4 people x 8 hours	= 32 hours
4/14/01	7 people x 8 hours	= 56 hours
4/15/01	7 people x 6 hours	= 42 hours
4/18/01	1 people x 8 hours	= 8 hours
4/19/01	2 people x 8 hours	= 16 hours
4/20/01	3 people x 8 hours	= 24 hours
4/21/01	8 people x 8 hours	= 64 hours
4/22/01	7 people x 8 hours	= 56 hours
4/23/01	4 people x 8 hours	= 32 hours
4/26/01	4 people x 8 hours	= 32 hours
4/27/01	9 people x 8 hours	= 72 hours
4/28/01	9 people x 8 hours	= 72 hours
4/29/01	7 people x 4 hours	= 28 hours
Total person-hours		= 938 hours

Trap-hours on St. Vincent National Wildlife Refuge

Fence 1 Funnel Traps	= 430.25
Fence 2 Funnel Traps	= 410.25
Fence 3 Funnel Traps	= 411.50
Fence 4 Funnel Traps	= 424.75
Fence 5 Funnel Traps	= 408.50
Fence 6 Funnel Traps	= 412.75
Fence 7 Funnel Traps	= 393.25
Fence 8 Funnel Traps	= 393.00
Fence 9 Funnel Traps	= 418.75
Fence 10 Funnel Traps	= 430.75
Fence 11 Funnel Traps	= 412.25
11 Fences (22 traps) (total hours)	= 4546.00

Appendix 3. Drift fence arrays with funnel traps and artificial shelters proved successful in capturing a diversity of amphibian, reptilian, and crocodilian species on St. Vincent National Wildlife Refuge during this survey. The following is a list of species captured in both the funnel traps and beneath artificial shelters, and their comparative numbers. Fifty-three artificial shelters and eleven fence lines (with a single funnel trap at each end) were established, and were activated and monitored from 2–29 April 2001.

Species caught in funnel traps	Number Caught
Broadhead Skink (<i>Eumeces laticeps</i>).....	28
Six-lined Racerunner (<i>Cnemidophorus sexlineatus</i>).....	18
Eastern Racer (<i>Coluber constrictor</i>).....	17
Southern Leopard Frog (<i>Rana sphenoccephala</i>).....	10
Southern Toad (<i>Bufo terrestris</i>).....	3
Green Treefrog (<i>Hyla cinerea</i>).....	3
Green Anole (<i>Anolis carolinensis</i>).....	2
Coachwhip (<i>Masticophis flagellum</i>).....	2
Eastern Ribbon Snake (<i>Thamnophis sauritus</i>).....	2
Oak Toad (<i>Bufo quercicus</i>).....	1
American Alligator (<i>Alligator mississippiensis</i>).....	1
Common Garter Snake (<i>Thamnophis sirtalis</i>).....	1
Eastern Diamondback Rattlesnake (<i>Crotalus adamanteus</i>).....	1
Pigmy Rattlesnake (<i>Sistrurus miliarius</i>).....	1

Total

14 species.....90 specimens

In addition, the following were captured in the funnel traps and released: two land crabs, one bird, and eleven rodents.

Species found beneath artificial shelters	Number Caught
Two-toed Amphiuma (<i>Amphiuma means</i>).....	4
Six-lined Racerunner (<i>Cnemidophorus sexlineatus</i>).....	4
Southern Leopard Frog (<i>Rana sphenoccephala</i>).....	3
Green Treefrog (<i>Hyla cinerea</i>).....	2
Eastern Narrowmouth Toad (<i>Gastrophryne carolinensis</i>).....	1
Broadhead Skink (<i>Eumeces laticeps</i>).....	1
Ground Skink (<i>Scincella lateralis</i>).....	1
Pigmy Rattlesnake (<i>Sistrurus miliarius</i>).....	1

Total

8 species.....17 specimens

Appendix 4. Fifty-two (52) species of amphibians, turtles, reptiles, and crocodilians have been reported from St. Vincent National Wildlife Refuge; at least seven (7) species were not found during our surveys from 1998 to date and need verification.

RECORDED HERPETOFAUNA OF ST. VINCENT (ISLAND) NATIONAL WILDLIFE REFUGE, FRANKLIN COUNTY, FLORIDA

SALAMANDERS (1)

Two-toed Amphiuma.....*Amphiuma means*^{D*}

FROGS (10)

Southern Cricket Frog.....*Acris gryllus*^{ABC*}
Oak Toad.....*Bufo quercicus*^{AC*}
Southern Toad.....*Bufo terrestris*^{ABC*}
Eastern Narrowmouth Toad.....*Gastrophryne carolinensis*^{ABC*}
Green Treefrog.....*Hyla cinerea*^{AC*}
Pine Woods Treefrog.....*Hyla femoralis*^{AC*}
Squirrel Treefrog.....*Hyla squirella*^{ABC*}
Little Grass Frog.....*Pseudacris ocularis*^{AC*}
Pig Frog.....*Rana grylio*^{ABC*}
Southern Leopard Frog.....*Rana sphenoccephala*^{ABC*}

TURTLES (14)

Florida Softshell.....*Apalone ferox*^{ABC*}
Loggerhead.....*Caretta caretta*^{AC}
Green Turtle.....*Chelonia mydas*^H
Common Snapping Turtle.....*Chelydra serpentina*^{ABC}
Chicken Turtle.....*Deirochelys reticularia*^{I*}
Leatherback.....*Dermochelys coriacea*^{AH}
Gopher Tortoise.....*Gopherus polyphemus*^{AC*}
Eastern Mud Turtle.....*Kinosternon subrubrum*^{ABC*}
Atlantic Ridley.....*Lepidochelys kempii*^{AC}
Diamondback Terrapin.....*Malaclemys terrapin*^H
Florida Cooter.....*Pseudemys floridana*^{ABC*}
Florida Redbelly Turtle.....*Pseudemys nelsoni*^{K*}
Alligator Snapping Turtle.....*Macrochelys temminckii*^{I*}
Eastern Box Turtle.....*Terrapene carolina*^{ABC*}

CROCODILIANS (1)

American Alligator.....*Alligator mississippiensis*^{ABC*}

LIZARDS (5)

Green Anole.....*Anolis carolinensis*^{ABC*}
Six-lined Racerunner.....*Cnemidophorus sexlineatus*^{ABC*}
Broadhead Skink.....*Eumeces laticeps*^{ABC*}
Eastern Glass Lizard.....*Ophisaurus ventralis*^{ABC*}
Ground Skink.....*Scincella lateralis*^{ABC*}

SNAKES (21)

Cottonmouth.....*Agkistrodon piscivorus*^{ABC*}
Scarlet Snake.....*Cemophora coccinea*^{AC*}
Eastern Racer.....*Coluber constrictor*^{ABC*}
Eastern Diamondback Rattlesnake.....*Crotalus adamanteus*^{ABC*}
Eastern Indigo Snake.....*Drymarchon couperi*^{AC}

Corn Snake	<i>Elaphe guttata</i> ^{AC*}
Midland Rat Snake.....	<i>Elaphe spiloides</i> ^{ABC*}
Mud Snake.....	<i>Farancia abacura</i> ^{AC*}
Common Kingsnake	<i>Lampropeltis getula</i> ^{AC}
Coachwhip	<i>Masticophis flagellum</i> ^{ABC*}
Gulf Salt Marsh Snake.....	<i>Nerodia clarkii</i> ^F
Southern Water Snake	<i>Nerodia fasciata</i> ^{ABC*}
Florida Green Water Snake.....	<i>Nerodia floridana</i> ^{AC*}
Rough Green Snake.....	<i>Opheodrys aestivus</i> ^{AC*}
Glossy Crayfish Snake	<i>Regina rigida</i> ^{G*}
Black Swamp Snake.....	<i>Seminatrix pygaea</i> ^{AC}
Pigmy Rattlesnake.....	<i>Sistrurus miliarius</i> ^{ABC*}
Brown Snake.....	<i>Storeria dekayi</i> ^{AC}
Eastern Ribbon Snake.....	<i>Thamnophis sauritus</i> ^{ABC*}
Common Garter Snake.....	<i>Thamnophis sirtalis</i> ^{ABC*}
Rough Earth Snake	<i>Virginia striatula</i> ^{AC*}
TOTAL SPECIES.....	52

Additional confirmation of the following species is needed on St. Vincent Island.

Bullfrog.....	<i>Rana catesbeiana</i> ^{AB}
Eastern River Cooter	<i>Pseudemys concinna</i> ^{AC}
Rainbow Snake	<i>Farancia erythrogramma</i> ^A
Eastern Hognose Snake	<i>Heterodon platirhinos</i> ^A
Southern Hognose Snake.....	<i>Heterodon simus</i> ^A
Scarlet Kingsnake	<i>Lampropeltis triangulum</i> ^A
Plainbelly Water Snake.....	<i>Nerodia erythrogaster</i> ^A
TOTAL POSSIBLE SPECIES	59

Sources: A = Refuge Checklist; B = Blaney (1971); C = Christman (1984); D = Means & Lewis (1997); E = Means & Christman (1998); F = FL Nat. Areas Inven.; G = Lewis & Collins (2000); H = Lewis (pers. comm. 2000); I = Peacock & Lewis (2000); J = Lewis & Irwin (2001); K = Lewis, Irwin & Irwin (2001); * = Observations made during this survey.

Appendix 5. Salvage specimens and voucher color slides from St. Vincent National Wildlife Refuge. Specimens were deposited in the Department of Herpetology, Sternberg Museum of Natural History, Fort Hays State University, Hays, Kansas (MHP). Voucher color slides were deposited at the Natural History Museum, The University of Kansas, Lawrence (KU).

Macrochelys temminckii

KU Color Slide Catalog Numbers pending

Florida: Franklin Co: St. Vincent National Wildlife Refuge, West Pass Beach

8 April 1997

Collector: Thomas E. Lewis

Amphiuma means

MHP 6725 (found dead)

Florida: Franklin Co: St. Vincent National Wildlife Refuge at Indian Pass Ferry

30 January 1999

Collectors: Joseph T. Collins & Thomas E. Lewis

Amphiuma means

MHP 6726 (found dead)

Florida: Franklin Co St. Vincent National Wildlife Refuge

N29-40-45.3, W85-12-34.1

10 January 1999

Collectors: Joseph T. Collins, Emily C. Moriarty & Travis W. Taggart

Pseudemys nelsoni

MHP 6727

Florida: Franklin Co: St. Vincent National Wildlife Refuge, N29-38-37.1, W85-08-44.4

13 January 2000

Collectors: Joseph T. Collins, Travis W. Taggart & Emily C. Moriarty

Adult shell

Terrapene carolina

MHP 6728

Florida: Franklin Co: St. Vincent National Wildlife Refuge just SE Cabin

29 December 1999

Collectors: Joseph T. Collins & Kelly J. Irwin

Skeleton only; no scutes, no plastron

Apalone ferox

MHP 6730

Florida: Franklin Co: St. Vincent National Wildlife Refuge at lower end of Oyster Pond

4 January 2000

Collectors: Joseph T. Collins & Kelly J. Irwin

Shell parts only

Apalone ferox

MHP 6731

Florida: Franklin Co: St. Vincent National Wildlife Refuge along N edge Oyster Pond on

Rattlesnake Road

5 January 2000

Collector: Joseph T. Collins

Shell parts only

Crotalus adamanteus

MHP 6732

Florida: Franklin Co: St. Vincent National Wildlife Refuge at Picaline Area

4 January 2000

Collector: Joseph T. Collins

Rattle only

Pseudemys nelsoni

MHP 6812

Florida: Franklin Co: St. Vincent National Wildlife Refuge

Date: August 2000

Collector: Thomas E. Lewis

Shell only

Macrochelys temminckii

MHP 6811

Florida: Franklin Co: St. Vincent National Wildlife Refuge

Date: August 2000

Collector: Thomas E. Lewis

Upper shell only

Deirochelys reticularia

KU Color Slides 11768-770

Florida: Franklin Co: St. Vincent National Wildlife Refuge at jct. Windmill Road & Road G, E end of island

8 January 2000

Collector: Terry Peacock

Deirochelys reticularia

KU Color Slides 11771-773

Florida: Franklin Co: St. Vincent National Wildlife Refuge at jct. Dune Road & Road B

12 January 2000

Collector: Thomas E. Lewis

Regina rigida

MHP 6733 (found dead)


Florida: Franklin Co: St. Vincent National Wildlife Refuge at jct. Road D & Road 4

14 January 2000

Collector: Thomas E. Lewis

This report fulfills the Eastern Indigo Snake portion of Agreement 1448-40181-00-J-007 + Modification No. 1 between JTC Enterprises, Inc. and the U. S. Fish & Wildlife Service.

Respectfully submitted,



Suzanne L. Collins

President

JTC Enterprises, Inc.

8 August 2001